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| Form PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DKT. NO. 511.33114CC6 | APPLICATION NO. TBD |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT HAGIWARA, et al. | |
| | | FILING DATE November 17, 2003 | EXPECTED GROUP 1752 |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date |
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| JEC | AA 5,472,823 | 12/5/1995 | Hagiwara, et al. | | | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation | |
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| | | | | | | Yes | No |
| JEC | AM 0580108A2 | 1-26-94 | Europe | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| Examiner | Date Considered |
| J. Ch | 12/2004 |